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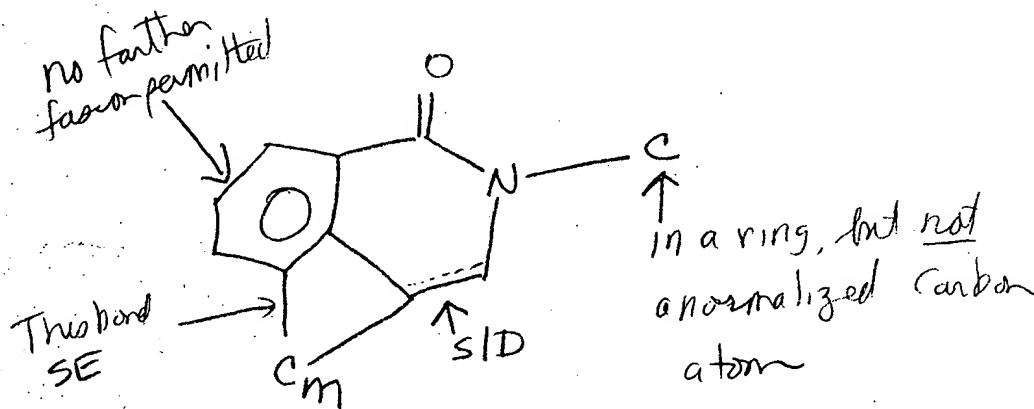
4718

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1/9/92

Please give a detailed statement of requirements. Describe as specifically as possible the subject matter to be searched. Define any terms that may have special meaning. Give examples or relevant citations, authors, or keywords, if known.

You may include a copy of the broadest and or relevant claim(s).

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LINE TIME

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(in minutes)

NO. OF DATABASES

SYSTEMS

CAS ONLINE

DARC/QUESTEL

DIALOG

SDC

OTHER

@ HC1

1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 3 OF 42 COPYRIGHT 1992 ACS

RN 135819-59-9

CN Cyclopent[de]isoquinolin-1(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-4,5-dihydro-, (.+-.)- (9CI) (CA INDEX NAME)

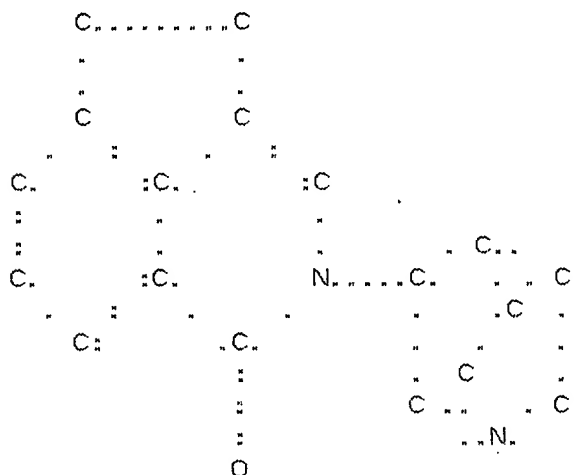
MF C18 H20 N2 O

CI COM

SR CA

LC CA

STE 3: (+-)



1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 4 OF 42 COPYRIGHT 1992 ACS

RN 135755-51-0

CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
2,3,3a,4,5,6-hexahydro-, monohydrochloride, [S-(R*,S*)]- (9CI)

INDEX NAME)

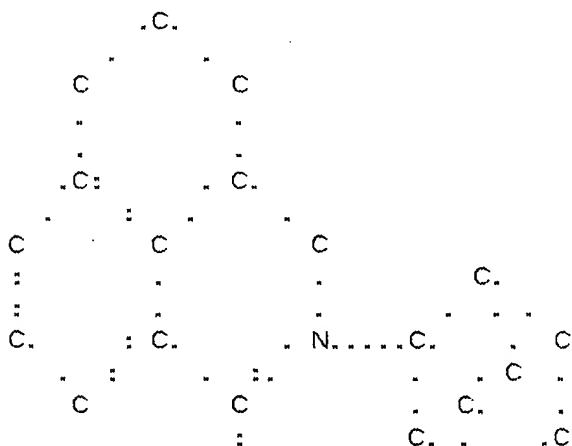
MF C19 H24 N2 O . Cl H

SR CA

LC CA

STE 1:S2:R*,S*

CRN (135729-73-6)



HC1

1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 5 OF 42 COPYRIGHT 1992 ACS

RN 135729-76-9

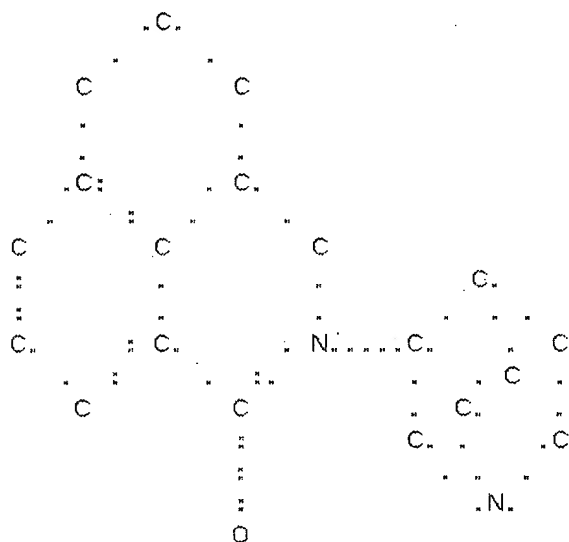
CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
2,3,3a,4,5,6-hexahydro-, monohydrochloride, [R-(R*,S*)]- (9CI) (CA
INDEX NAME)

MF C19 H24 N2 O . C1 H

SR CA

LC CA

STE 1:R2:R*,S*



© HCL

1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 6 OF 42 COPYRIGHT 1992 ACS

RN 135729-75-8

CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
2,3,3a,4,5,6-hexahydro-, monohydrochloride, [R-(R*,R*)]- (9CI) (CA
INDEX NAME)

MF C19 H24 N2 O . C1 H

SR CA

LC CA

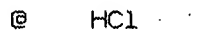
STE 1:R2:R*,R*





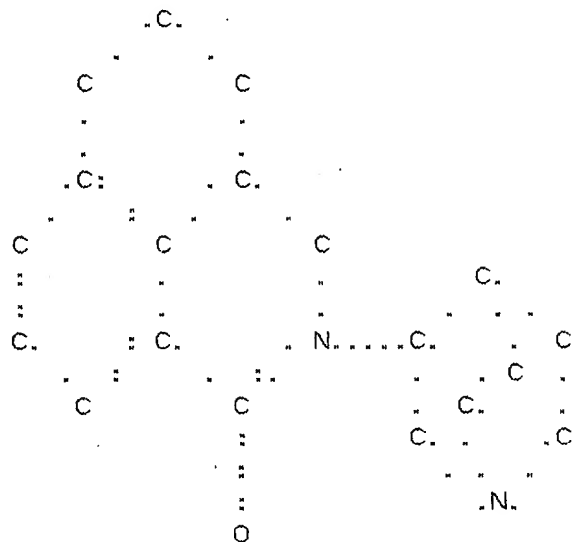
REFERENCE 1: P CA115(11):114377b

Chemical structure of 2,2,4,4-tetramethyl-5-nitro-2-pentene-1-thiol. The structure shows a five-carbon chain with a double bond between C2 and C3. C1 is bonded to a thiol group (-SH). C2 and C4 are quaternary carbons, each bonded to two methyl groups. C5 is bonded to a nitro group (-NO2). Lone pairs are shown on the sulfur and oxygen atoms.



L3 ANSWER 8 OF 42 COPYRIGHT 1992 ACS

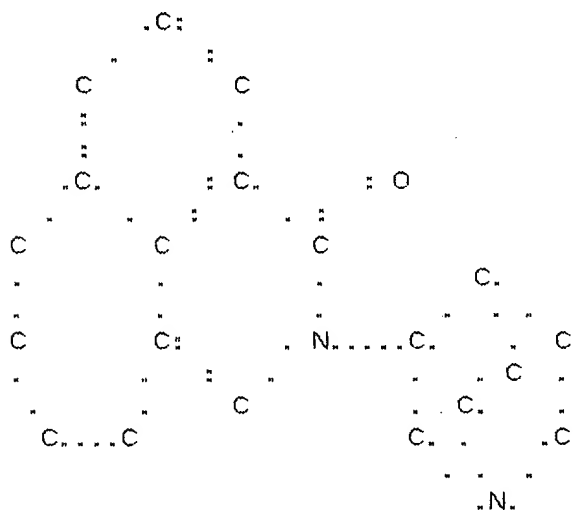
2,3,3a,4,5,6-hexahydro-, [S-(R*,S*)]- (9CI) (CA INDEX NAME)
 MF C19 H24 N2 O
 CI COM
 SR CA
 LC CA
 STE 1:S2:R*,S*



1 REFERENCES IN FILE CA (1967 TO DATE)

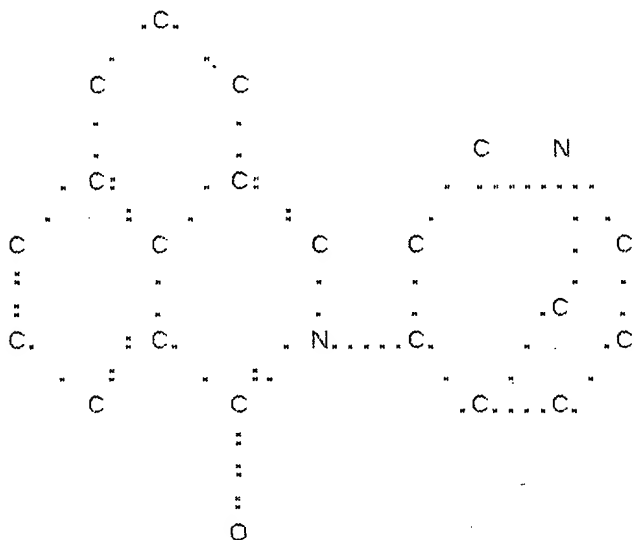
REFERENCE 1: P CA115(11):114377b

L3 ANSWER 9 OF 42 COPYRIGHT 1992 ACS
 RN 135729-72-5
 CN Cyclohept[de]isoquinolin-3(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
 7,8,9,10-tetrahydro-, monohydrochloride, (+-)- (9CI) (CA INDEX
 NAME)
 MF C20 H24 N2 O . Cl H
 SR CA
 LC CA
 STE 3:(+-)
 CRN (135729-63-4)



REFERENCE 1: P CA115(11):114377b

L3 ANSWER 10 OF 42 COPYRIGHT 1992 ACS
RN 135729-71-4
CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[3.3.1]non-4-yl)-
2,4,5,6-tetrahydro-, monohydrochloride, endo- (9CI) (CA INDEX NAME)
CN 1-Azabicyclo[3.3.1]nonane, 1H-benz[de]isoquinolin-1-one deriv. (9CI)
MF C20 H24 N2 O . Cl H
SR CA
LC CA
STE 2:ENDO
CRN (135729-59-8)

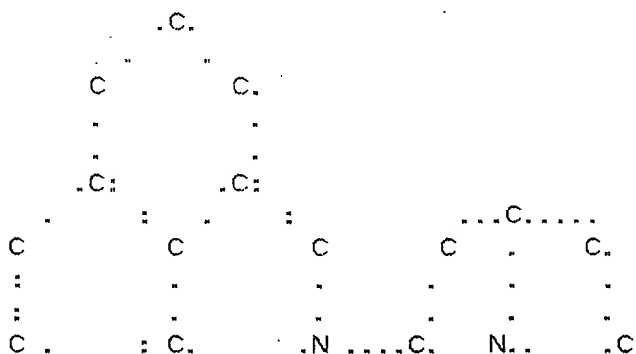


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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 11 OF 42 COPYRIGHT 1992 ACS
RN 135729-70-3
CN 1H-Benz[de]isoquinolin-1-one, 2,4,5,6-tetrahydro-2-(8-methyl-8-
azabicyclo[3.2.1]oct-3-yl)-, monohydrochloride, exo- (9CI) (CA
INDEX NAME)
MF C20 H24 N2 O . Cl H
SR CA
LC CA
STE 2:EXO
CRN (135729-52-1)



Me

© HCL

1 REFERENCES IN FILE CA (1967 TO DATE)

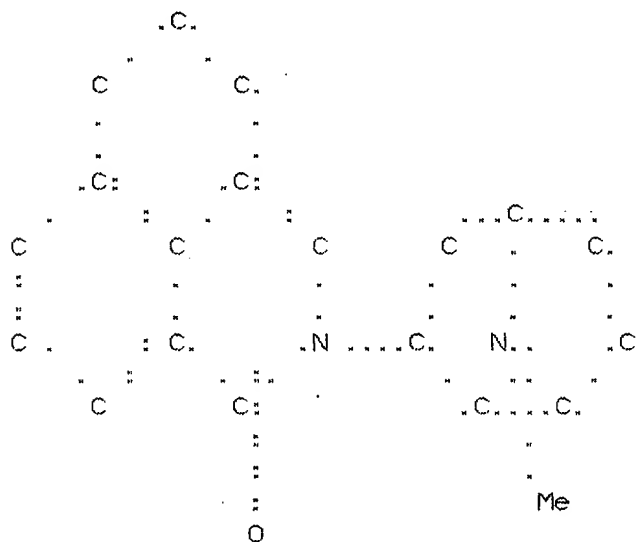
L3 ANSWER 13 OF 42 COPYRIGHT 1992 ACS

CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-4-yl)-
2,4,5,6-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)

SR CA

LC CA

CRN (135729-51-0)



© HCL

REFERENCE 1: P CA115(11):114377b

RN 135729-68-9

CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-4-yl)-
2,4,5,6-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)

MF C19 H22 N2 O , C1 H

SR CA

LC CA

CRN (135729-51-0)



REFERENCE 1: P CA115(11):114377b

RN 135729-67-8

CN 9-Azabicyclo[3.3.1]nonane, 1H-benz[de]isoquinolin-1-one deriv. (9CI)

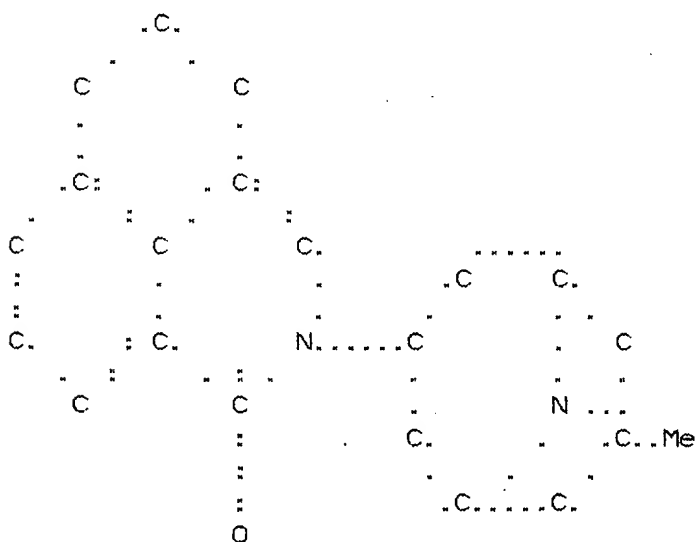
MF C21 H26 N2 O . C1 H

SR CA

LC CA

```
STE 2:ENDO
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CRN (135729-58-7)



@ HCl

1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 15 OF 42 COPYRIGHT 1992 ACS

RN 135729-66-7

CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
2,4,5,6-tetrahydro-, monohydrochloride, (R)- (9CI) (CA INDEX NAME)

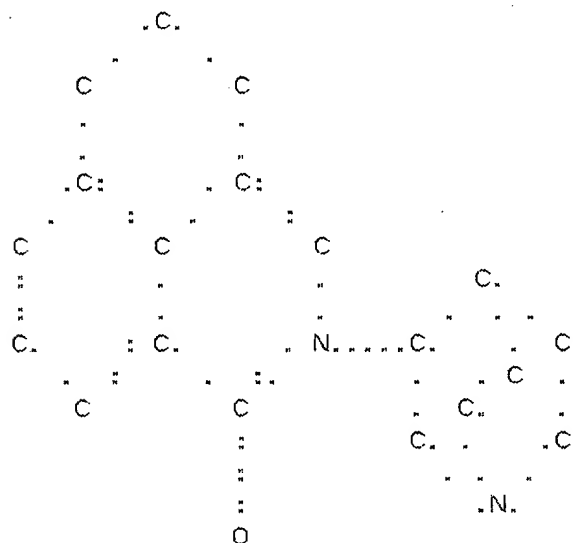
MF C19 H22 N2 O . Cl H

SR CA

LC CA

STE 1:R

CRN (135729-57-6)



@ HCl

1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 16 OF 42 COPYRIGHT 1992 ACS

RN 135729-65-6

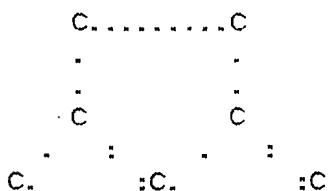
CN Cyclopent[de]isoquinolin-1(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
4,5-dihydro-, monohydrochloride, (R)- (9CI) (CA INDEX NAME)

MF C18 H20 N2 O . Cl H

SR CA

LC CA

STE 1:R



```

C.      :C.      N.....C.      . . C
      :      .      .      .C      .
      C:      .C.      .      .
      :      .      C      .
      :      C ..      . C
      :      ..N.
      O

```

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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 17 OF 42 COPYRIGHT 1992 ACS
 RN 135729-64-5
 CN Cyclopent[de]isoquinolin-1(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
 4,5-dihydro-, (S)- (9CI) (CA INDEX NAME)
 MF C18 H20 N2 O
 CI COM
 SR CA
 LC CA
 STE 1:S

```

C.....C
      .      .
      .      .
      C      C
      :      :
C.      :C.      :C
      :      .      .
      :      .      .
C.      :C.      N.....C.      . . C
      :      .      .      .C      .
      C:      .C.      .      .
      :      .      C      .
      :      C ..      . C
      :      ..N.
      O

```

1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 18 OF 42 COPYRIGHT 1992 ACS
 RN 135729-63-4
 CN Cyclohept[de]isoquinolin-3(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
 7,8,9,10-tetrahydro-, (.+-.)- (9CI) (CA INDEX NAME)
 MF C20 H24 N2 O
 CI COM
 SR CA
 LC CA
 STE 3:(+-)

```

      .C:
      .      :
      C      C
      :      .
      :      .

```

STE 1:S2:R*,R*



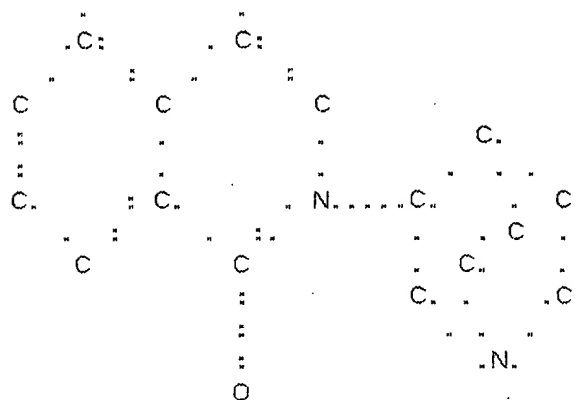
LC CA



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STE 2:ENDO
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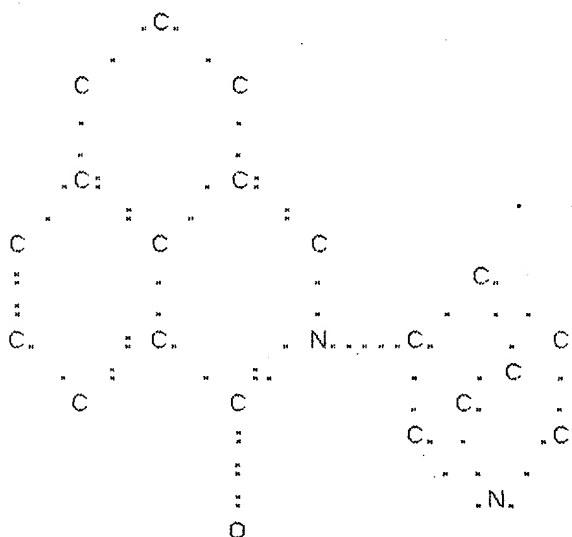
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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

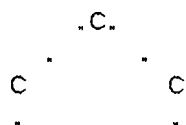
L3 ANSWER 25 OF 42 COPYRIGHT 1992 ACS
 RN 135729-56-5
 CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
 2,4,5,6-tetrahydro-, (S)- (9CI) (CA INDEX NAME)
 MF C19 H22 N2 O
 CI COM
 SR CA
 LC CA
 STE 1:S

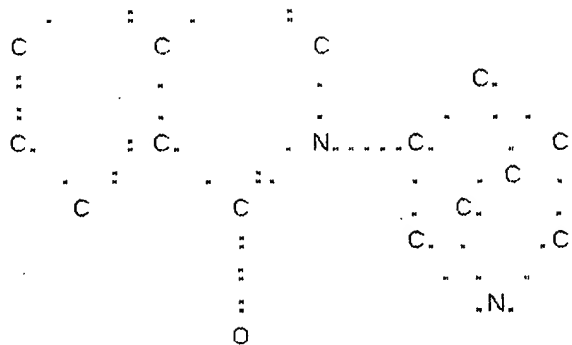


1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 26 OF 42 COPYRIGHT 1992 ACS
 RN 135729-55-4
 CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
 2,4,5,6-tetrahydro-, monohydrochloride, (S)- (9CI) (CA INDEX NAME)
 MF C19 H22 N2 O . Cl H
 SR CA
 LC CA
 STE 1:S
 CRN (135729-56-5)



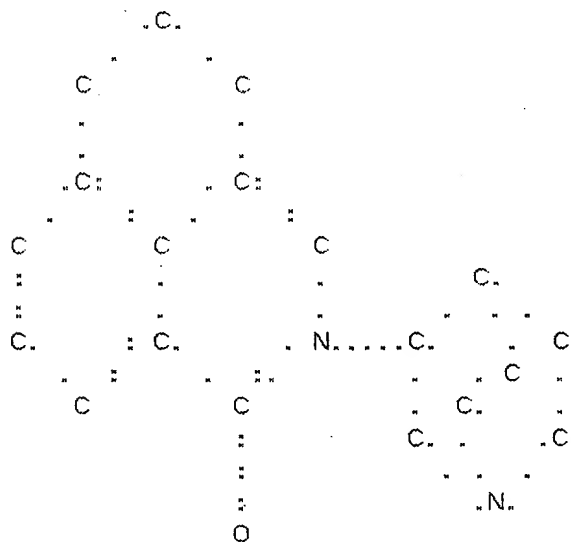


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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

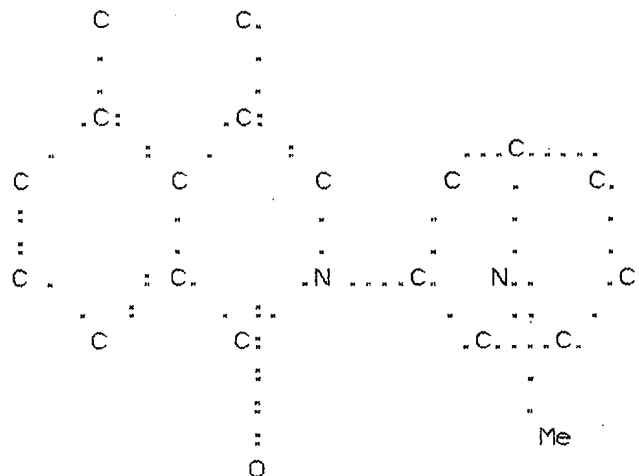
L3 ANSWER 27 OF 42 COPYRIGHT 1992 ACS
 RN 135729-54-3
 CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
 2,4,5,6-tetrahydro- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H22 N2 O
 SR CA
 LC CA



1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

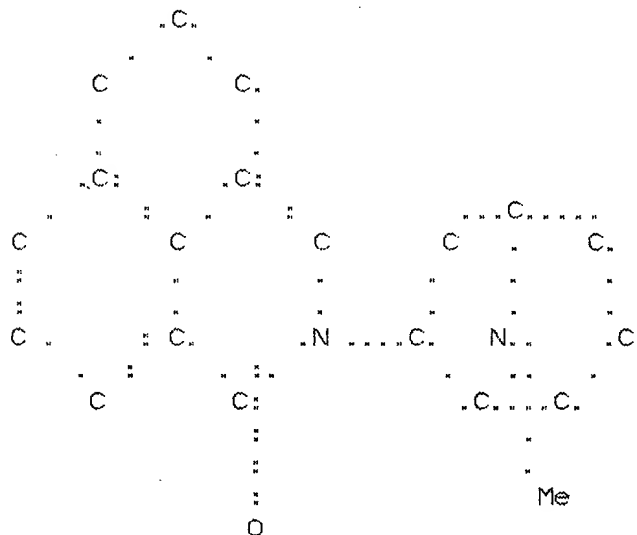
L3 ANSWER 28 OF 42 COPYRIGHT 1992 ACS
 RN 135729-53-2
 CN 1H-Benz[de]isoquinolin-1-one, 2,4,5,6-tetrahydro-2-(8-methyl-8-
 azabicyclo[3.2.1]oct-3-yl)-, endo- (9CI) (CA INDEX NAME)
 MF C20 H24 N2 O
 CI COM
 SR CA
 LC CA
 STE 2:ENDO



1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

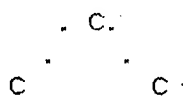
L3 ANSWER 29 OF 42 COPYRIGHT 1992 ACS
 RN 135729-52-1
 CN 1H-Benz[de]isoquinolin-1-one, 2,4,5,6-tetrahydro-2-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-, exo- (9CI) (CA INDEX NAME)
 MF C20 H24 N2 O
 CI COM
 SR CA
 LC CA
 STE 2:EXO



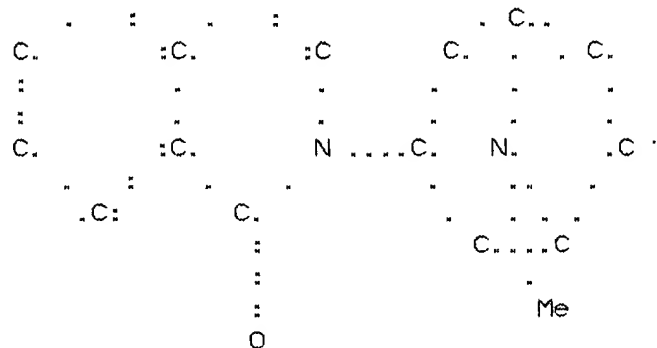
1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 30 OF 42 COPYRIGHT 1992 ACS
 RN 135729-51-0
 CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-4-yl)-2,4,5,6-tetrahydro- (9CI) (CA INDEX NAME)
 MF C19 H22 N2 O
 CI COM
 SR CA
 LC CA



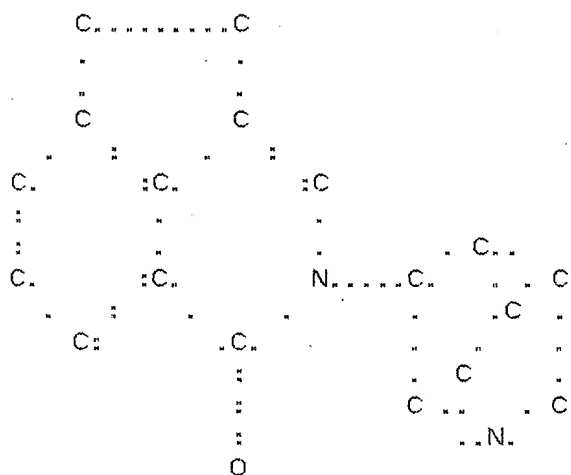
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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 33 OF 42 COPYRIGHT 1992 ACS
 RN 135729-48-5
 CN Cyclopent[de]isoquinolin-1(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
 4,5-dihydro-, monohydrochloride, (S)- (9CI) (CA INDEX NAME)
 MF C18 H20 N2 O . Cl H
 SR CA
 LC CA
 STE 1:S
 CRN (135729-64-5)



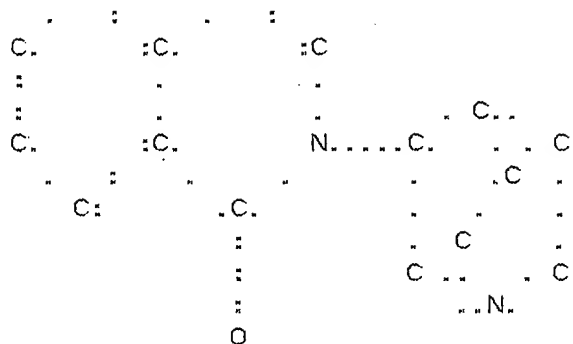
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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 34 OF 42 COPYRIGHT 1992 ACS
 RN 135729-47-4
 CN Cyclopent[de]isoquinolin-1(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
 4,5-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)
 MF C18 H20 N2 O . Cl H
 SR CA
 LC CA
 CRN (135729-46-3)



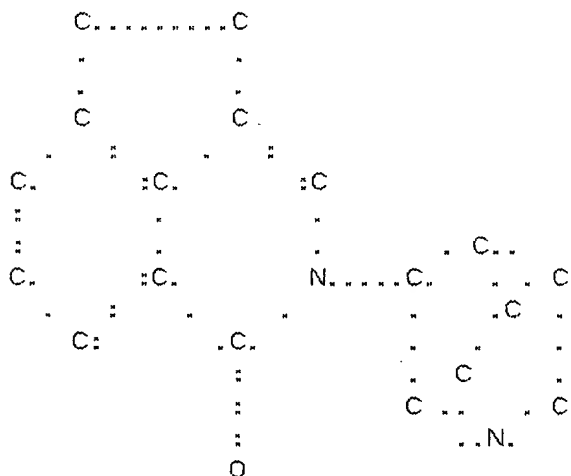


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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 35 OF 42 COPYRIGHT 1992 ACS
 RN 135729-46-3
 CN Cyclopent[de]isoquinolin-1(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-
 4,5-dihydro- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C18 H20 N2 O
 CI COM
 SR CA
 LC CA

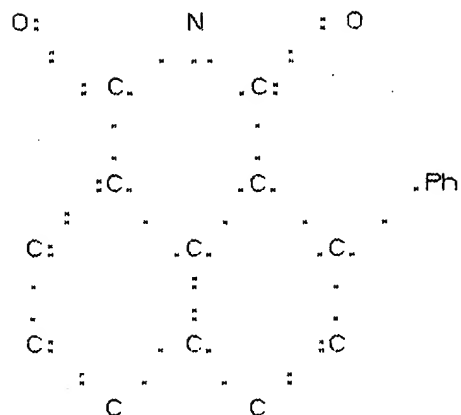


1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 36 OF 42 COPYRIGHT 1992 ACS
 RN 79154-79-3
 CN 1H-Benz[de]isoquinoline-1,3(2H)-dione, 3a,4-dihydro-2,4-diphenyl-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C24 H17 N O2
 LC CA

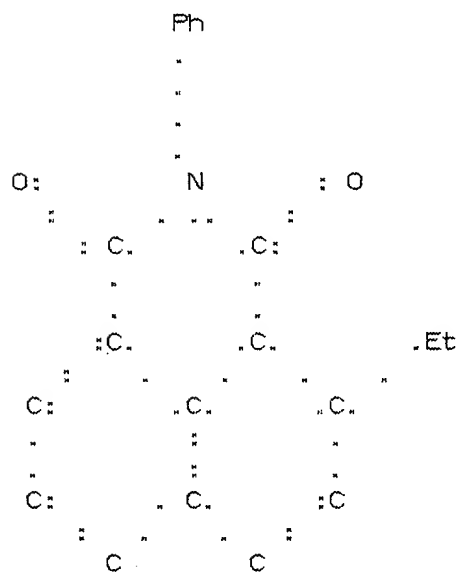
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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: CA95(17):15Q387g

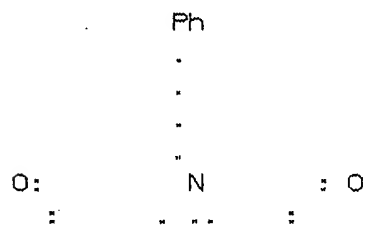
L3 ANSWER 37 OF 42 COPYRIGHT 1992 ACS
 RN 79148-59-7
 CN 1H-Benz[de]isoquinoline-1,3(2H)-dione, 4-ethyl-3a,4-dihydro-2-phenyl-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H17 N O2
 LC CA

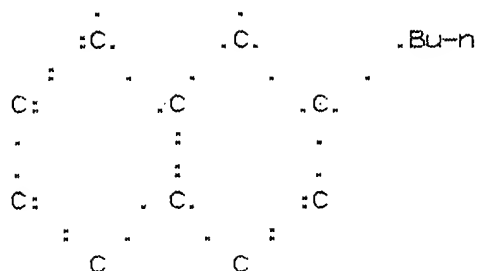


1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: CA95(17):15Q387g

L3 ANSWER 38 OF 42 COPYRIGHT 1992 ACS
 RN 79148-58-6
 CN 1H-Benz[de]isoquinoline-1,3(2H)-dione, 4-butyl-3a,4-dihydro-2-phenyl-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C22 H21 N O2
 LC CA

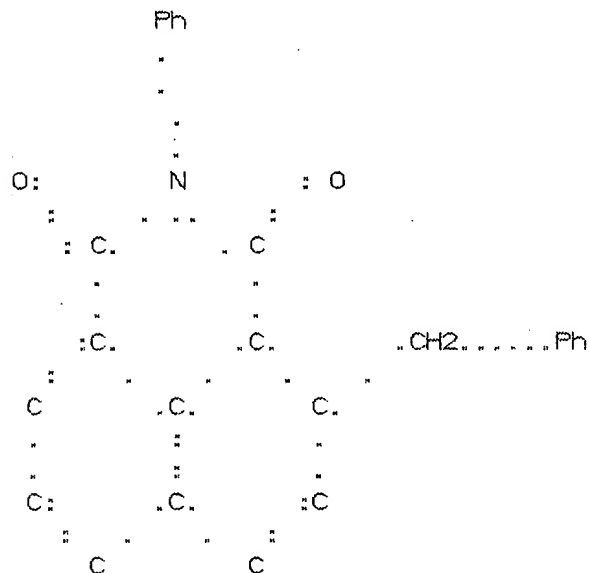




1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: CA95(17):150387g

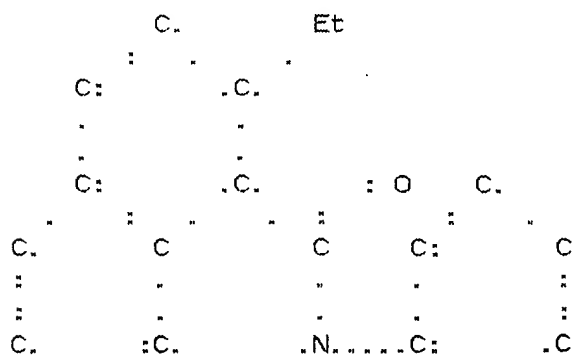
L3 ANSWER 39 OF 42 COPYRIGHT 1992 ACS
 RN 79148-57-5
 CN 1H-Benz[de]isoquinoline-1,3(2H)-dione, 3a,4-dihydro-2-phenyl-4-(phenylmethyl)- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C25 H19 N O2
 LC CA



1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: CA95(17):150387g

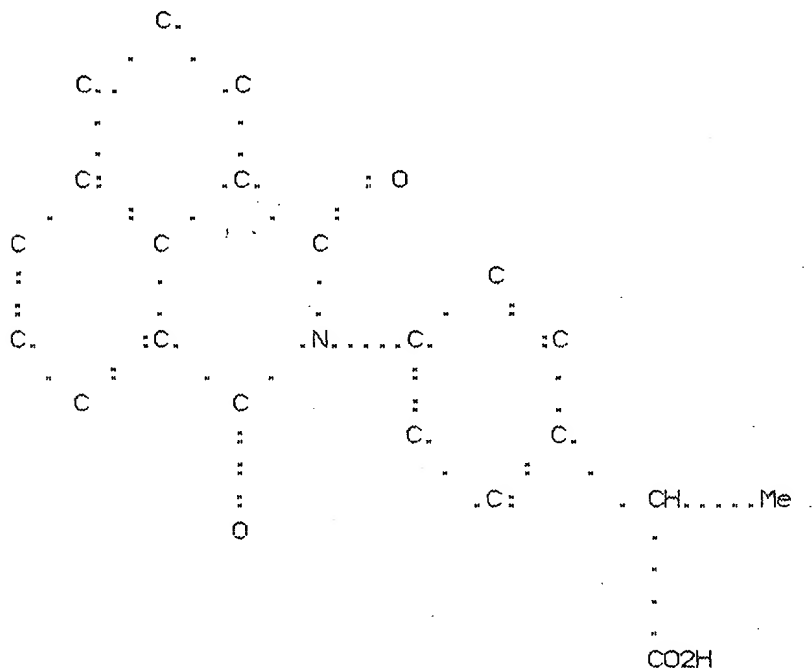
L3 ANSWER 40 OF 42 COPYRIGHT 1992 ACS
 RN 79148-56-4
 CN 1H-Benz[de]isoquinoline-1,3(2H)-dione, 4-ethyl-3a,4-dihydro-2-(2-methylphenyl)- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H19 N O2
 LC CA



1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: CA95(17):150387g

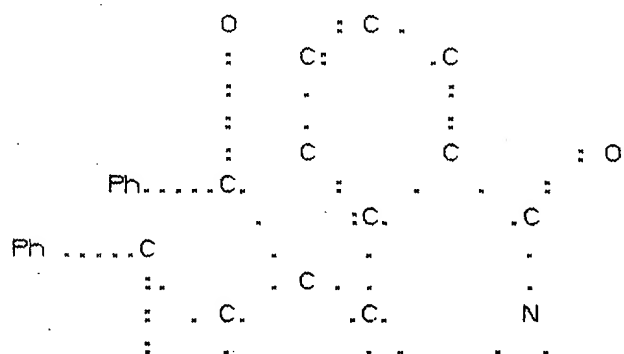
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L3 ANSWER 41 OF 42 COPYRIGHT 1992 ACS
RN 67266-33-5
CN Benzeneacetic acid, .alpha.-methyl-4-(3a,4,5,6-tetrahydro-1,3-dioxo-
1H-benz[de]isoquinolin-2(3H)-yl)- (9CI) (CA INDEX NAME)
CN 1H-Benz[de]isoquinoline, benzeneacetic acid deriv. (9CI)
FS 3D CONCORD
MF C21 H19 N O4
LC BEILSTEIN, CA
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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: CA89(13):108923e

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L3 ANSWER 42 OF 42 COPYRIGHT 1992 ACS
RN 15002-66-1
CN Spiro[6H-benz[de]isoquinoline-6,4'-(1'H)-isoquinoline]-
1,1',3,3'-(2H,2'H,3aH)-tetrone, 4,5-dibenzoyl-4,5-dihydro-2,2'-
diphenyl- (8CI) (CA INDEX NAME)
MF C46 H30 N2 O6
LC BEILSTEIN, CA
STE *
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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: CA66(19):85692n

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FILE COVERS 1967 - 27 DEC 91 (911227/ED) VOL 115 ISS 26.
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 abstract graphic structures. The AB format DOES NOT display structure
 diagrams.

L4 4 L3

=> d 1-4 .meh;fil caol;s 13

L4 ANSWER 1 OF 4 COPYRIGHT 1992 ACS
 AN CA115(11):114377b
 TI Preparation of 2-azabicycloalkyl-1H-benz[de]isoquinolin-1-ones and
 related compounds as 5-HT3 antagonists
 SO Eur. Pat. Appl., 42 pp.
 AU Berger, Jacob; Clark, Robin D.; Eglen, Richard M.; Smith, William
 L.; Weinhardt, Klaus K.
 PI EP 430190 A2 5 Jun 1991
 AI EP 90-122689 27 Nov 1990
 PY 1991
 AB Title compds. [I; R1 = halo, OH (phenyl)alkoxy, alkyl, NO2, amino,
 carbamoyl; R2 = alkyl; R3 = Q1-Q4; R4, R5 = alkyl, cycloalkyl,
 (CH2)tR6; R6 = (substituted) thienyl, pyrrolyl, furyl; n = 1-3; p =
 0-3; q = 0-2; u, x, y, z = 1-3; t = 1,2], were prep'd. Thus,
 S-N-(1-azabicyclo[2.2.2]oct-3-yl)-5,6,7,8-tetrahydro-1-
 naphthalenecarboxamide (prepn. from 5,6,7,8-tetrahydro-1-
 naphthalenecarboxylic acid and S-3-amino-1-azabicyclo[2.2.2]octane
 given) in THF at -70.degree. was treated with BuLi in hexane; the
 mixt. was stirred 1 h at -10.degree., cooled to -70.degree., and
 treated with DMF followed by warming to room temp. to give
 S-2-(1-azabicyclo[2.2.2]oct-3-yl)-2,4,5,6-tetrahydro-1H-
 benz[de]isoquinolin-1-one, isolated as the hydrochloride monoethanol
 adduct (II). II i.p. in aged mice increased time spent in the
 darkened area in the Crawley-Goodwin test from 32.6% (controls) to
 75.2%.

L4 ANSWER 2 OF 4 COPYRIGHT 1992 ACS
 AN CA95(17):150387g
 TI A comparative study of the reactions of phthalides, naphthalides and
 related compounds
 SO Indian J. Chem., Sect. B, 20B(6), 456-9
 AU El-Sharief, A. M. S.; Hammad, N. I. S.; Mohamed, Y. A.

dihydrobenz[d,e]isoquinoline-1(2H)-ones e.g. II, were prepd. from I (X = O). 2-Phenylphenalene-1,3(2H)-dione (III) on halogenation gives 2-halo-2-phenylphenalene-1,3(2H)-diones, which react with amines to give 2-arylamino-2-phenylphenalene-1,3(2H)-diones. Reaction of III with PrMgBr and BuMgBr results in the formation of 1,4-addn. products. Some reactions of the monothione IV (X = O) and dithione IV (X = S), prepd. resp. by the action of 1 and 2 mol of P_2S_5 on N-substituted naphthalimides, are also described. Reaction of the naphthalimides with Grignard reagents also gives 1,4-addn. products.

L4 ANSWER 3 OF 4 COPYRIGHT 1992 ACS
AN CA89(13):108923e
TI New acylated 2-(4-aminophenyl)-propionic acids as potential antiinflammatory agents
SO Eur. J. Med. Chem. - Chim. Ther., 13(2), 193-8
AU Ruffer, C.; Bahlmann, F.; Kapp, J. F.
PY 1978
AB (Aminophenyl)propionic acids I [$\text{R} = \text{G}-\text{CO}_2\text{H}$, $\text{CH}_2\text{CONH}-\text{G}-\text{CO}_2\text{H}$, CHMeCO_2H ; X = CH_2 , CO, $\text{CH}(\text{OH})$, S, SO, SO_2 ; $\text{X}_1 = \text{O}$, H_2], II-IV ($\text{X}_1 = \text{H}_2$), $\text{PhCONMe}-\text{G}-\text{CO}_2\text{H}$, and $\text{PhCH}_2\text{NAC}-\text{G}-\text{CO}_2\text{H}$, analogs of indoprofen, were prepd. and showed no remarkable antiinflammatory activity. Redn. of imides I ($\text{R} = \text{G}-\text{CO}_2\text{H}$, $\text{G}-\text{CO}_2\text{Et}$, $\text{CH}_2\text{CONH}-\text{G}-\text{CO}_2\text{Et}$, CHMeCO_2H ; X = CO, $\text{X}_1 = \text{H}_2$), II, and III ($\text{X}_1 = \text{O}$) using $\text{Zn}-\text{Pd}/\text{C}$ and heating 1 h at 100.degree. gave lactams I-III ($\text{X}_1 = \text{H}_2$).

L4 ANSWER 4 OF 4 COPYRIGHT 1992 ACS
AN CA66(19):85692n
TI Dimerization of 2-substituted-4-phenacylidenehomophthalimides
SO J. Chem. Soc. C, (5), 323-6
AU Bailey, Arthur Sydney; Ledger, A. P.; Perkins, N. R. D.
PY 1967
AB Unavailable

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L5 O L3

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NSPEC IS R AT 12

GRAPH ATTRIBUTES:

RSPEC 1

NUMBER OF NODES IS 13

L3 42 SEA SSS FUL L1

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42 ANSWERS

SEARCH TIME: 00.01.05

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